

INTER-OFFICE MEMORANDUM

April 28, 1978

From: F. Gruppuso

To : K. Greenberg

cc : S. Maine	T. Mariner	S. Stuart
	R. Curth	I. Harris
D. Harrower	R. Werner	S. Kelly
R. Stephens	P. Rush	J. Wunner
F. Jelenko		

Re : CP1600 INSTRUCTION SET

Please note that due to an oversight in generating the original CP1600 Documentation Manual that the list of uninterruptable instructions was and still is incomplete.

As this memo is intended to constitute an official change, it should be included in the next release of that documentation (sometime within the next decade would be preferable).

All combinations of the MVO instructions are uninterruptable. This includes direct, indirect and immediate addressing modes. Uninterruptable in this context means the CPU will not recognize low active enabled signals on the BUSRQ*, INTR* or INTRM* lines for any reason but rather will continue on and execute the next instruction.

Thus, the set of uninterruptable instructions include all MVO, all SHIFTS, EIS, DIS, TCI, CLRC, SETC instructions.

The impact on TIC and STIC software should be carefully considered.

Frank

/do

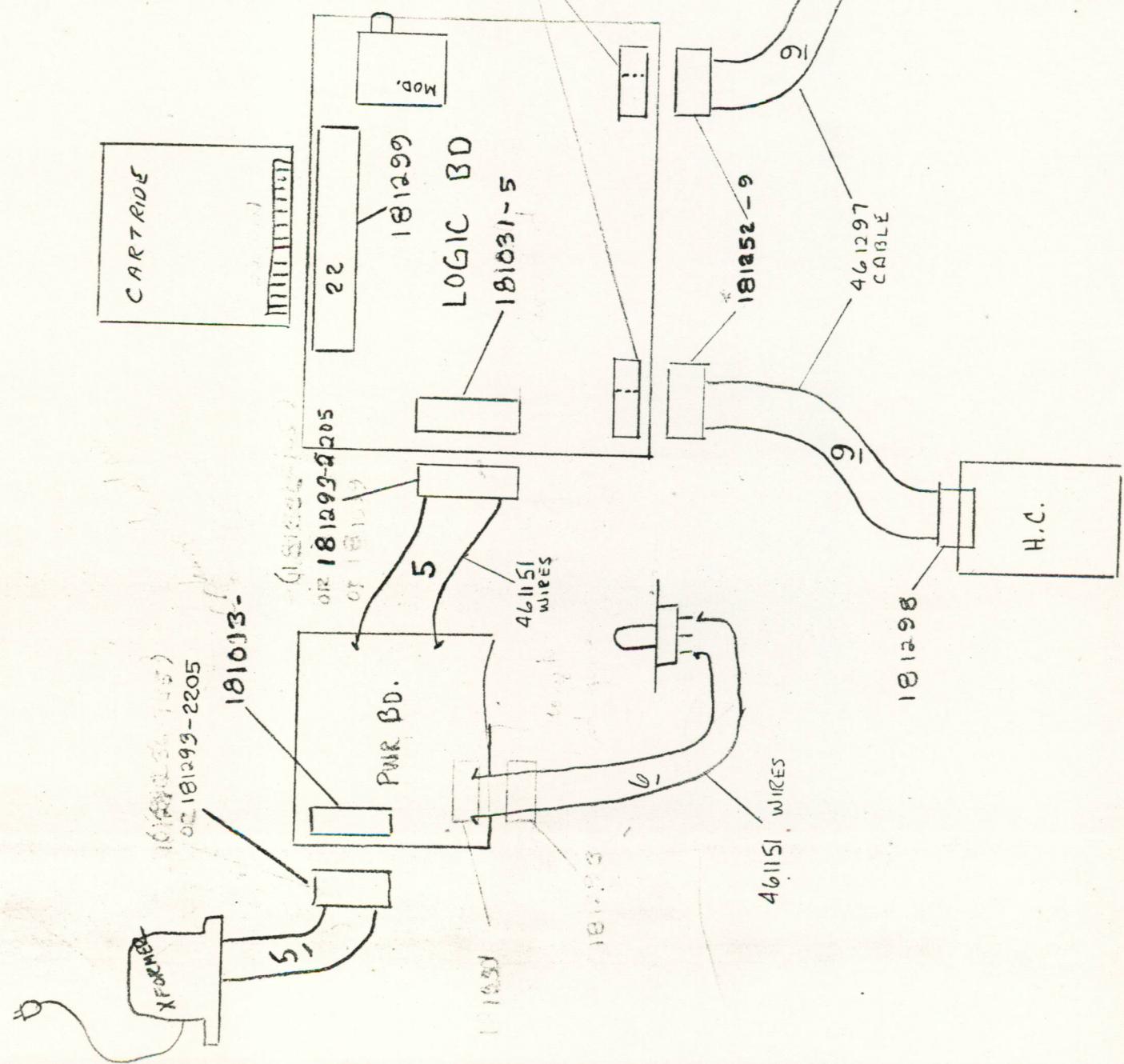
LOGIC BOARD PARTS

7 89 chips

4 2112 RAMs

MATTEL 2609 SYSTEM INTERCONNECTS SHOWING MAGNETIC PART #'

MUX #	Vendor	Wire Size	Description
181293	AMP	22GA	I.D.S. CONN. .156" 20 PIN EDGE CARD
181299	TRW	.062" CBL RD	I.D.S. CONN. .156" 20 PIN EDGE CARD
181252	AMP	28GA	I.D.S. CONN. .160"
181254	AMP	—	WAFER .160" RT L
181031	MOLEX	—	WAFER .156" RT L
181298	CIRCUIT ASSEMBLY	28GA	I.D.S. CUSTOM
181210	MOLEX	18-24	.156" CRIMP TERMINAL
181013	MOLEX	—	WAFER .156" STRAIGHT
181234	AMP	22GA	.156 LACE & LOC



NOTE: MATT P. 100
CONNECTOR LOCATIONS DO
NOT REPRESENT ACTUAL
LAYOUT POSITIONS. REFER TO
SHEET 1 FOR ACTUAL LOCATIONS.

C. Peery

160631-1

2609-9889

593222 - 1

ISSUE DATE 2609
TOY # 2609
A' PRICE 160
QUOTA 40 M

NEXT EP DATE 5/18
PILOT DATE 5/18
PARTS STAR DATE 8-14
UNITS 6
UNITS 6

VIDEO

DESCRIPTION	PART #	TOOL #	FR	VENDOR	TIME	LEAD	1st SHOTS/ SAMP.	WEEKS	DEBUG	COMP	EP QTY	TOOL COMP	EP QTY	COMMENTS
CONSOLE COVER	T501	28	23		16		5/22	6		7/5				HIRE CENTS ADDED SUSP 125 SHOTS TO 5/22
CONSOLE BASE	T502	28	23		16		5/22	6		7/5				"
LOWER HSG	T503	5	5		16		5/21	5		6/26				
UPPER HSG	"	5	5		16		5/21	5		6/26				
FRAME	T504	28	5/8		8		6/27	3		7/20				
TRAY	"	5	5/8		8		6/27	3		7/20				
CONTROL DISC	T505	28	5/8		8		6/27	3		7/20				
RESET BUTTON	"	28	"	"	"	"	"	"	"	"	"			
GLAMOUR CAP	"	28	"	"	"	"	"	"	"	"	"			
PUSH BUTTON	T506	28	5/8	0	6/27	3	7/20							

PRODUCT
STAR
DATE
8-14

PILOT
DATE
UNITS

NEXT EP
DATE
UNITS

VIDEO-CARTIDGE

OV # 2610

A' PRICE

UOTA

ART DESCRIPTION	PART #	TOOL #	FR	1st		DEBUG WEEKS	TOOL COMP	EP QTY	COMMENTS
				LET/ PO TO VENDOR	LEAD TIME				
HOUSING		T 501	29	1/8	10	6/27	3	7/8	
ACCESS PANEL	"	389	1/8	10	"	"	"	"	
CASSETTE CASE BASE	T 502	48	5/3	11	7/6	3	8/15	3.5M PREMIUM	
CASSETTE CASE LID	"	48	11	"	"	"	"	"	
CASSETTE CASE	1	1	1	1	1	1	1	1	
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MAGNAVOX

VIDEO GAME PLAN PROGRAM PLAN

4/12/78

Contract should require that 250 systems could be ordered such that 100/day could be delivered and 200 resolved @ 100/day. Part b of ~~of~~ built and if ~~of~~ built start 1 Aug and start build up to 1000/day could start Aug 1 and average 1000/day

25	Pre-Play	5/1
6	Pre-Play	5/1
5 to 250	Play	8/4